

Method for manufacturing a material suitable for use as a top sheet of an absorbent disposable article, and one such material

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Abstract

PCT No. PCT/SE93/00442 Sec. 371 Date Nov. 18, 1994 Sec. 102(e) Date Nov. 18, 1994 PCT Filed May 18, 1993 PCT Pub. No. WO93/22995 PCT Pub. Date Nov. 25, 1993 In a method of manufacturing material suitable for use as a top sheet in an absorbent disposable article, such as a sanitary napkin, an incontinence guard or a diaper, a laminate (1) comprised of a plastic film (2) and a layer of non-woven material (3) on at least one side of the plastic film is applied to a perforated supportive device (6) with one layer of non-woven material facing towards the supportive device. The plastic film is heated to a temperature above its softening temperature and there is generated between the two mutually opposing sides of the laminate a pressure difference of such magnitude that the plastic film will rupture within the regions of the holes in the supportive device so as to form openings (10) which lead to the associated non-woven material. A soft and smooth, liquid-permeable top sheet material is achieved.

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